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				U.S. PATENT DOC	UMENTS	
Examiner	Cite	U.S. Patent Do		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
Initials	No.1	Number	Kind Code	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
٤٢,	AA	5043868		Kuriyama et al	08/27/1991	
ς ς.	AB	5075849		Kuriyama et al	12/24/1991	
800	AC	5442767		Eickemeyer et al	08/15/1995	
E (AD	5487153		Hammertrom et al	02/23/1996	
ECT	AE	5687349		McGarity	11/11/1997	
ES .	AF	5701426		Ryan	12/23/1997	
733	AG	5768610		Pflum	07/16/1998	
2	ιAΗ	5867724		McMahon	02/02/1999	
5	Al	6021471		Stiles et al	02/01/2000	
بي	AJ	6085292		McMcormack et al	07/04/2000	
بي	AK	6112293		Witt	08/29/2000	
21-	AL	6148391		Petrick	11/14/2000	
۲,	AM	6209076		Blomgren	03/27/2001	
٤, (٠	AN	6343359		Col et al	01/29/2002	
برك	AO	6412043		Chopra	07/25/2002	
85	AP	6421771		Inoue	07/16/2002	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.'	Foreign Patent Docume Number ⁴	Kind Code ⁶	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
६()	ВА	EP 0402 787 A2		Ryan	12/19/1990	

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
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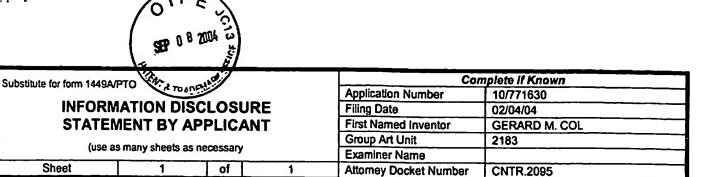
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OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS					
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&c	CA	JIM HANDY, The Cache Memory Book, Second Edition, Figure 2.4			
۲]٤	СВ	INOUE, Performing Parallel Operations Subject to Operand Register Interference Using Operand History Storage, Pub. No.: US 2002/00499895 A1, April 25, 2002			
((.	CC	LIAPASTI et al, "Exceeding the Dataflow Limit via Value Prediction," Proceedings of the 29 th Annual IFEE/ACM International, <u>Symposium on Microarchitecture</u> , pp. 226-237.			
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<u>EC,</u>	AA	SHORT, KENNETH L. Embedded Microprocessor Systems Design: An Introduction Using the Intel 80C188EB. 1998. Prentice Hall. Upper Saddle River, NJ, US. Pages 16, 182	
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	U.S. PATENT DOCUMENTS					
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.¹	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
وکو،		6079014	06-20-2000	Papworth et al.		
£\$1		6219778	04-17-2001	Panwar et al.		
851		5043868	08-27-1991	Kitamura et al.		
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
(1)	AA	Jim Handy, The Cache Memory Book, 2nd Edition, 1998, pages 47 and 222.	
٤٢.	AB	FARCY A ET AL: "Dataflow analysis of branck mispredictions and its application to early resolution of branch outcomes" MICRO-31. PROCEEDINGS OF THE 31ST. ANNUAL ACM/IEEE INTERNATIONAL SYMPOSIUM ON MICROARCHITECTURE. DALLAS, TX, NOV. 30 - DEC. 2, 1998, PROCEEDINGS OF THE ANNUAL ACM/IEEE INTERNATIONAL SYMPOSIUM ON MICROARCHITECTURE, LOS ALMITOS, CA: IEEE COMP. SOC, US, 30 November 1998 (1998-11-30), pages 59-68, XP010318259 ISBN: 0-8186-8609-X * page 64, paragraph 3 - page 66, paragraph 3.3*	

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